SDC Analyzer Win App

SDC Analyzer Win App is an accreditation software that is a part of the accreditation process for E-SDC devices or applications.

SDC Analyzer Win App can be downloaded from the Developer Portal. It issues a set of different requests to an E-SDC during the accreditation process. These requests are used to test if the E-SDC's functionality is compliant with the published technical specification.


Prerequisites

Before you start using SDC Analyzer Win App, make sure that you request and receive an additional smart card certificate(s). For detailed instructions on how to request additional certificates, see Developer Locations.

You also have to implement the Get Status command before using the app.

Accessing SDC Analyzer Win App

To access the SDC Analyzer Win App, do the following:

1.
   Click on **Resources**.
2.
   Double-click on **Applications**.
3.
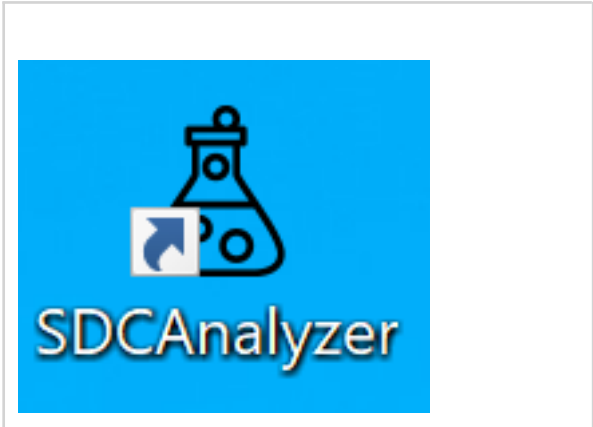   **SDC Analyzer Win App** will appear in the drop-down menu.
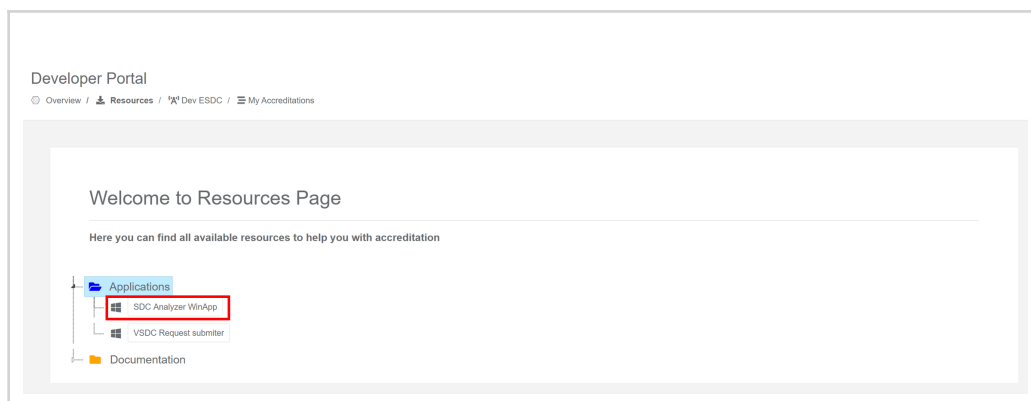
> **NOTE:**
> The application is automatically updated in the background.

Using SDC Analyzer Win App

- When you click on the app on the **Resources** page, it will be automatically downloaded to your device. When you finish the quick installation process, you can run the app.
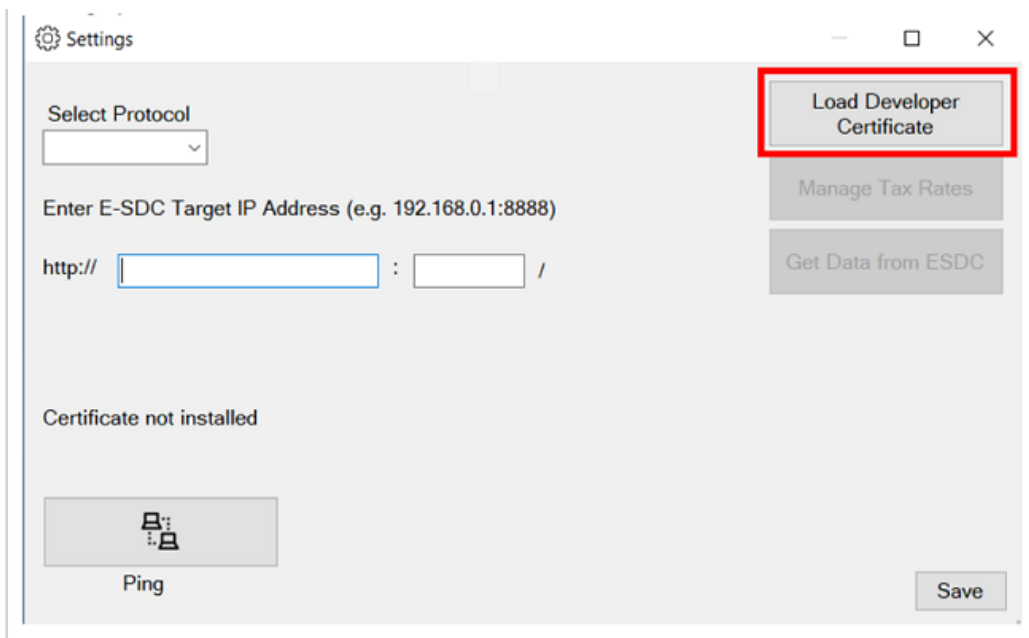

- If you are using the app for the first time, or if you testing a new product, click on **Settings** to perform a short configuration.
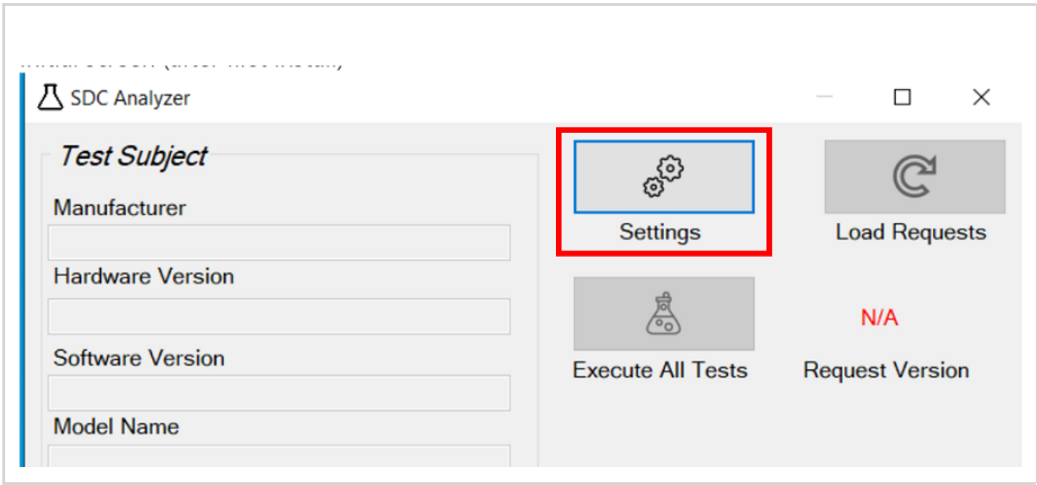

- In the new window, select **Load Developer Certificate** to load the PFX certificate you received in the registration approval email (before that you need to download it to your computer or local storage).
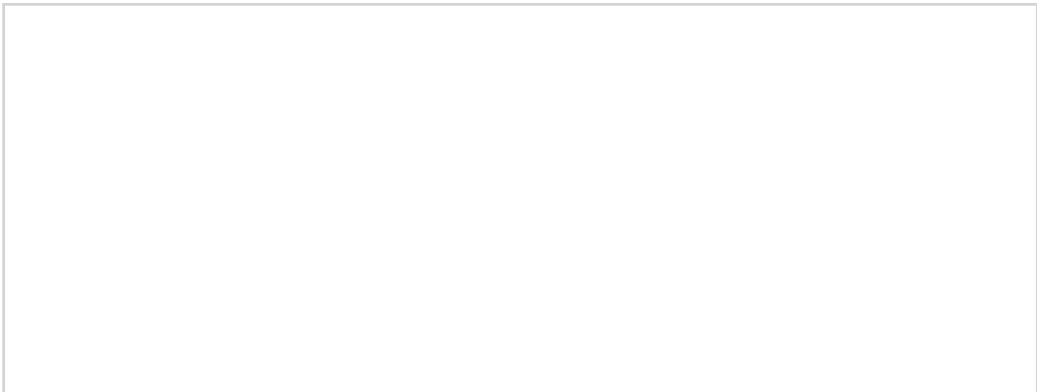
- When you select the PFX certificate, a new window will open where you need to provide the certificate password - you received the password in the same email as the PFX certificate.

- If everything is okay, you will see the message that the PFX certificate is installed.
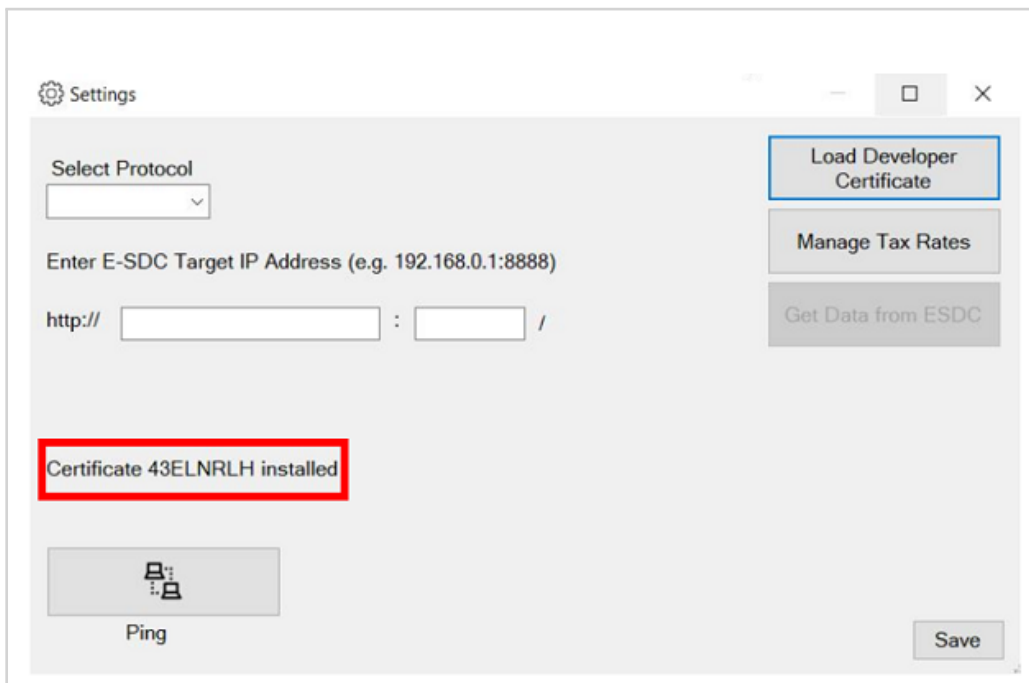
- After you finish loading the certificate, you need to enter the target address of the E-SDC you are testing and click **Save**.
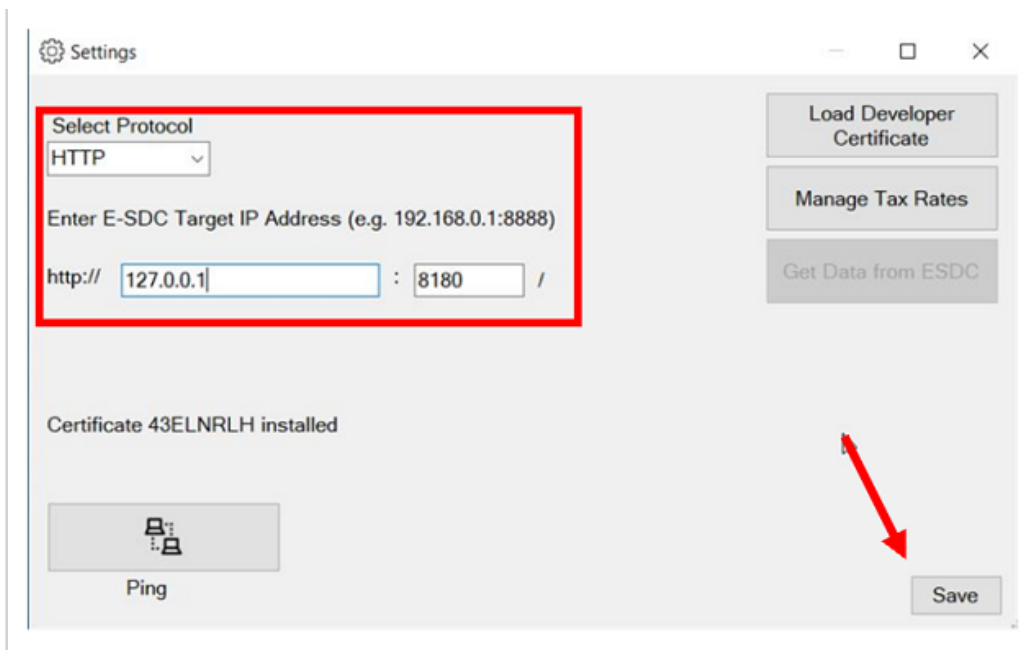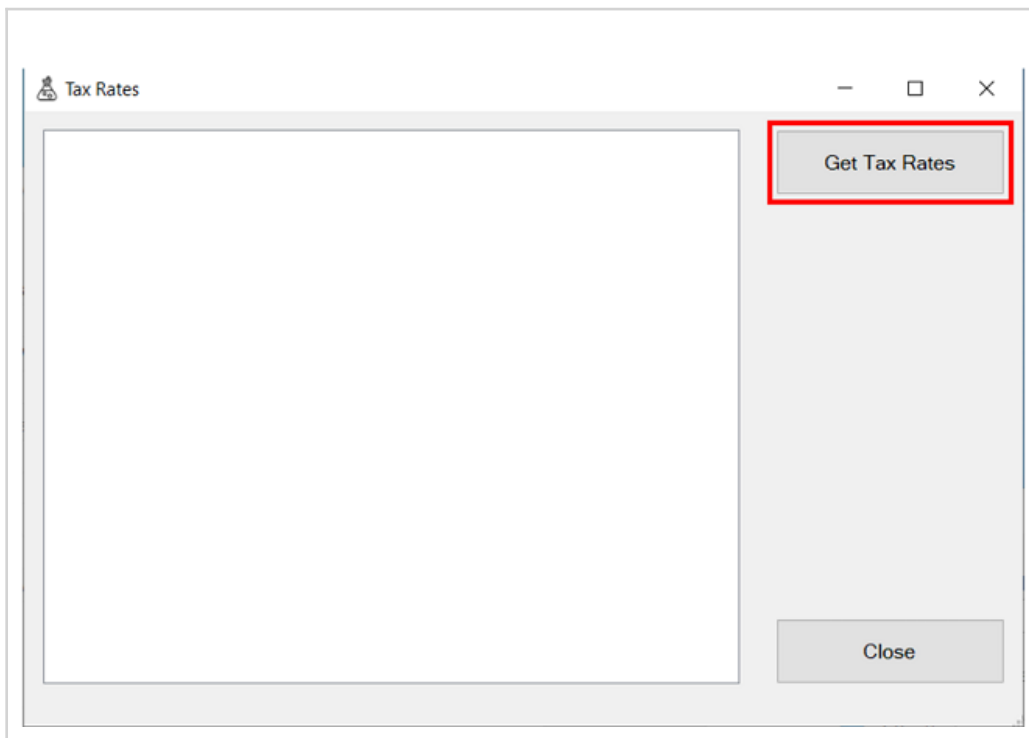
- You can use the **Ping** option to confirm that the connection with your E-SDC has been established.
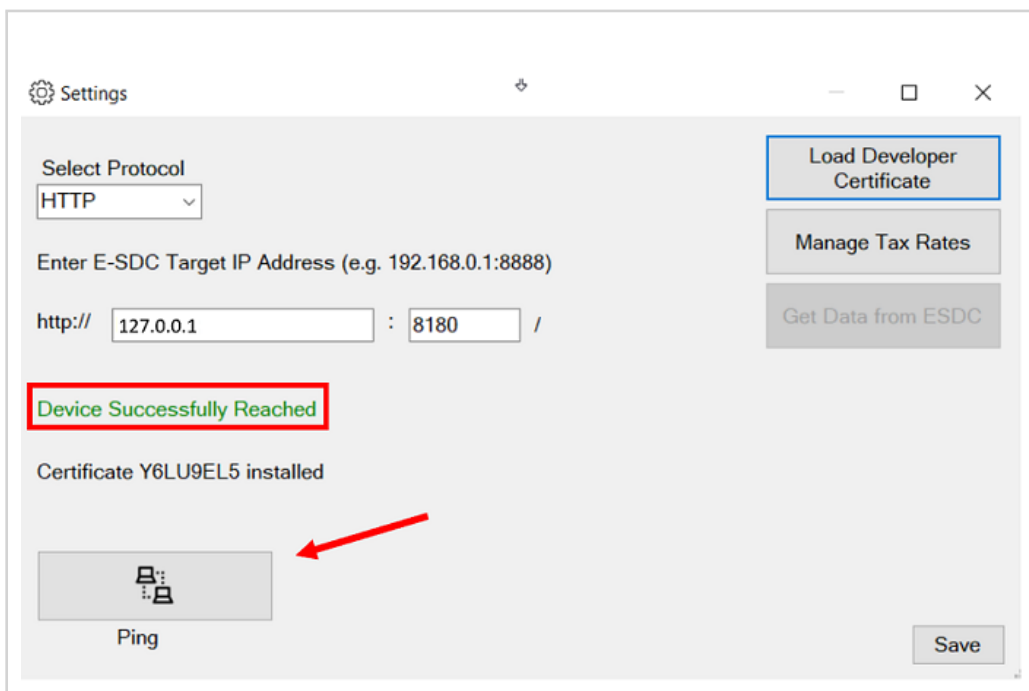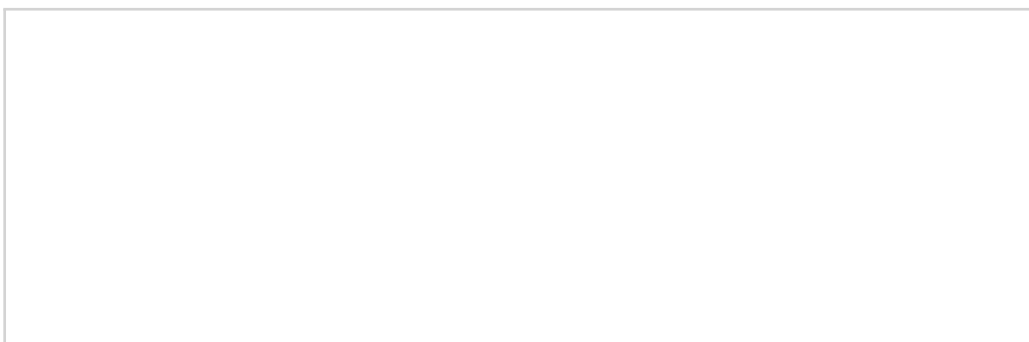

- To get all active tax rates for the Sandbox environment, click **Manage Tax Rates**.
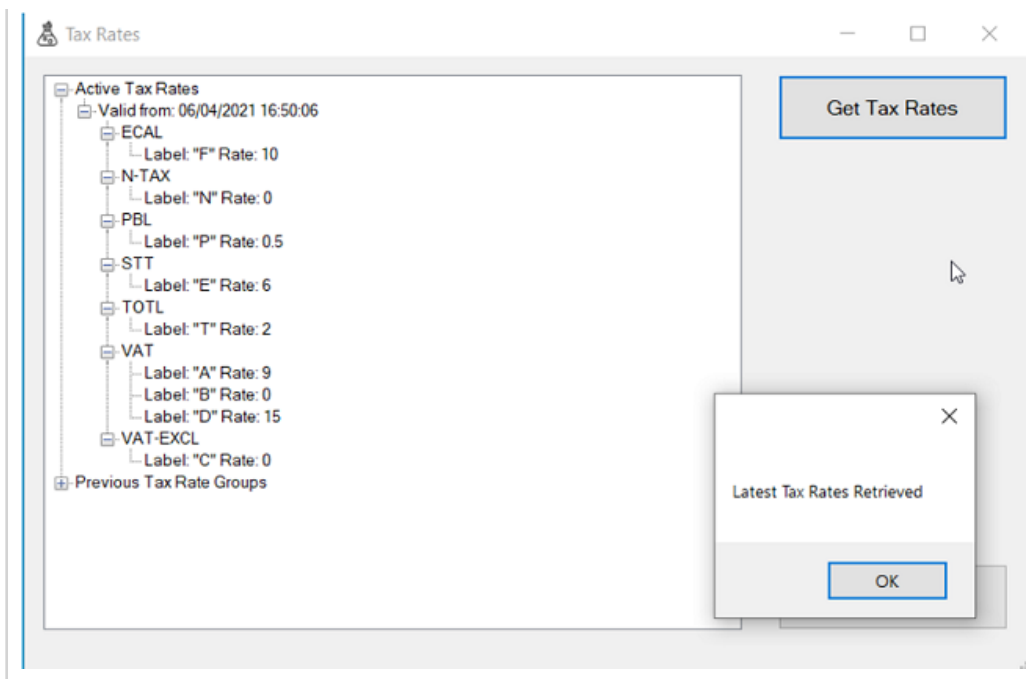
- A new window will appear - click **Get Tax Rates** to load all active tax rates.
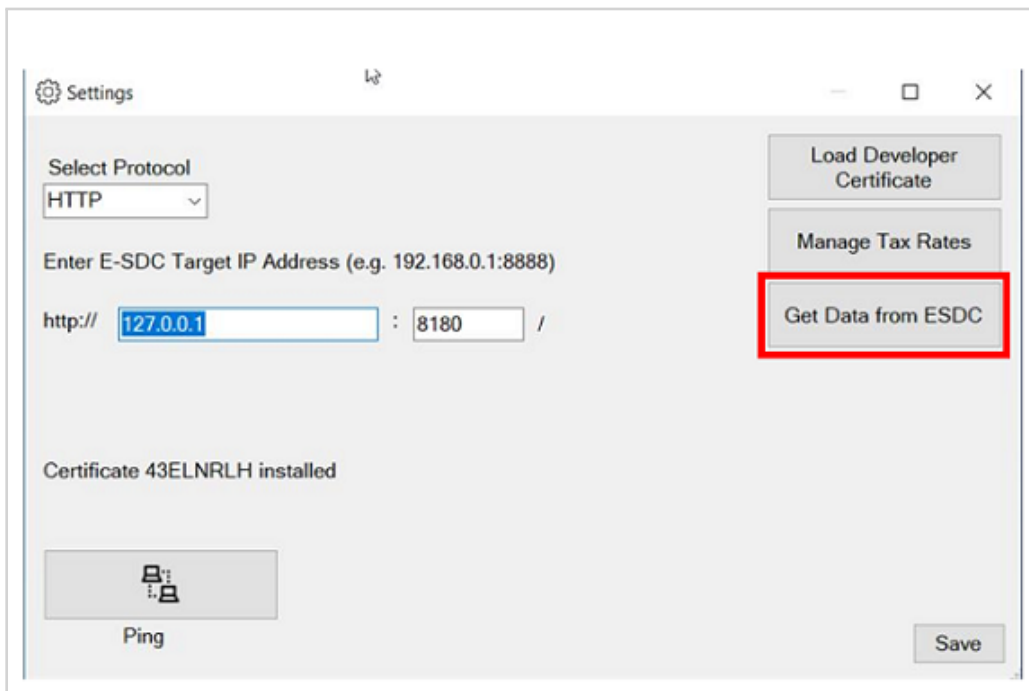

- All active tax rates for the Sandbox environment will load.

- To complete settings, in the Settings menu, click on **Get Data from ESDC** to update Test Subject data on the main window.

- When you return to the main window, you will see that all the fields about the Test Subject have been filled automatically, based on the information from your certificate and E-SDC.

NOTE:
The information displayed in the fields must be the same as the information that will be displayed on the tax authority's website if your E-SDC is accredited.

- Before you start any testing, always click **Load Requests** to get the latest version of the requests.

Execute All Tests

- If you want to run all the tests on your product, select **Execute All Tests**.

- A new window will appear, with initial guidance of all the necessary steps to perform a complete test. Make sure you read it and click **Next**.

- If you have finished with the configuration settings and plugged in your smart card reader with your smart card inside, you can click on **Ping Device** to connect with the E-SDC.

NOTE:
There are 28 steps to complete in order to execute all tests. Before executing each step, you must tick the checkboxes to verify that you set up the required conditions for that step. Make sure you read and follow the instructions before executing each step.

- Only when you do that, the **Execute** button will become active.

- Click **Execute** to run the tests from that step. After you click **Execute**, the **Next** button will become active and you can proceed to the next step.
- When you complete all 28 steps, click **Finish**.

- A message will appear to log into the Taxpayer Administration Portal (Developer Portal is accessed through Taxpayer Administration Portal) to review the results.

Execute Selected Tests

- You can also use the **Execute Selected Tests** option on the main window.
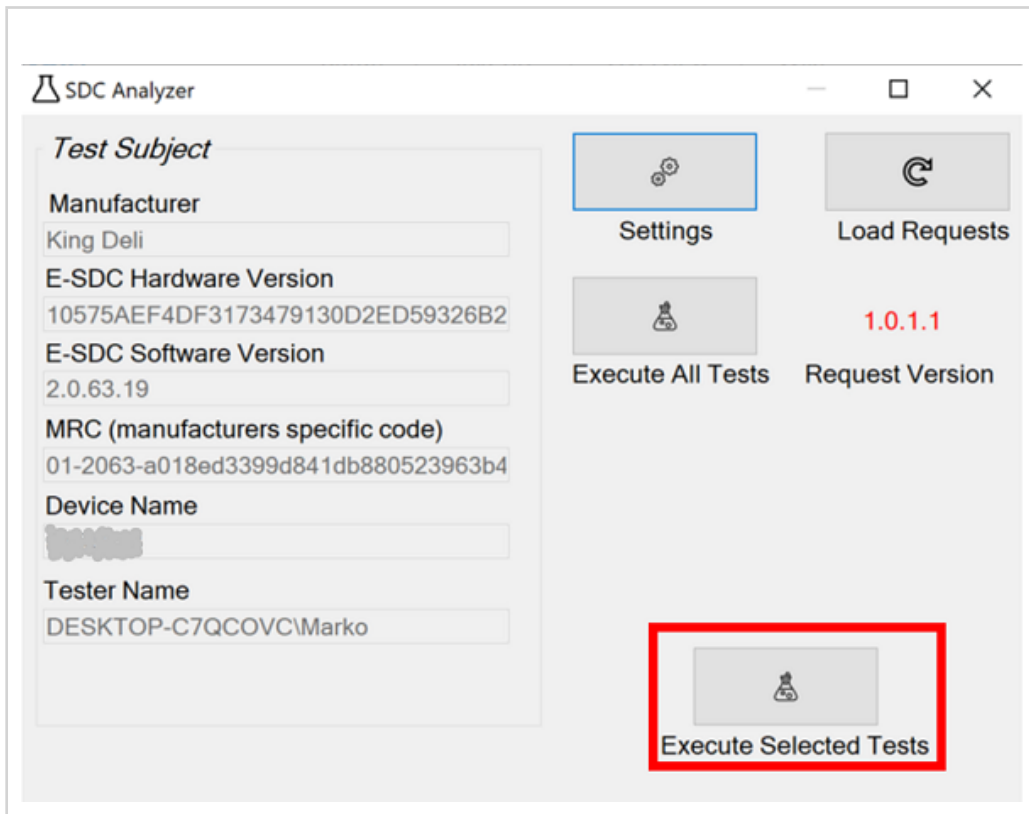
- A new window will open the list of all tests. All the tests are automatically selected for execution. If you don't *unselect* any of them, this option works the same as **Execute All Tests**.
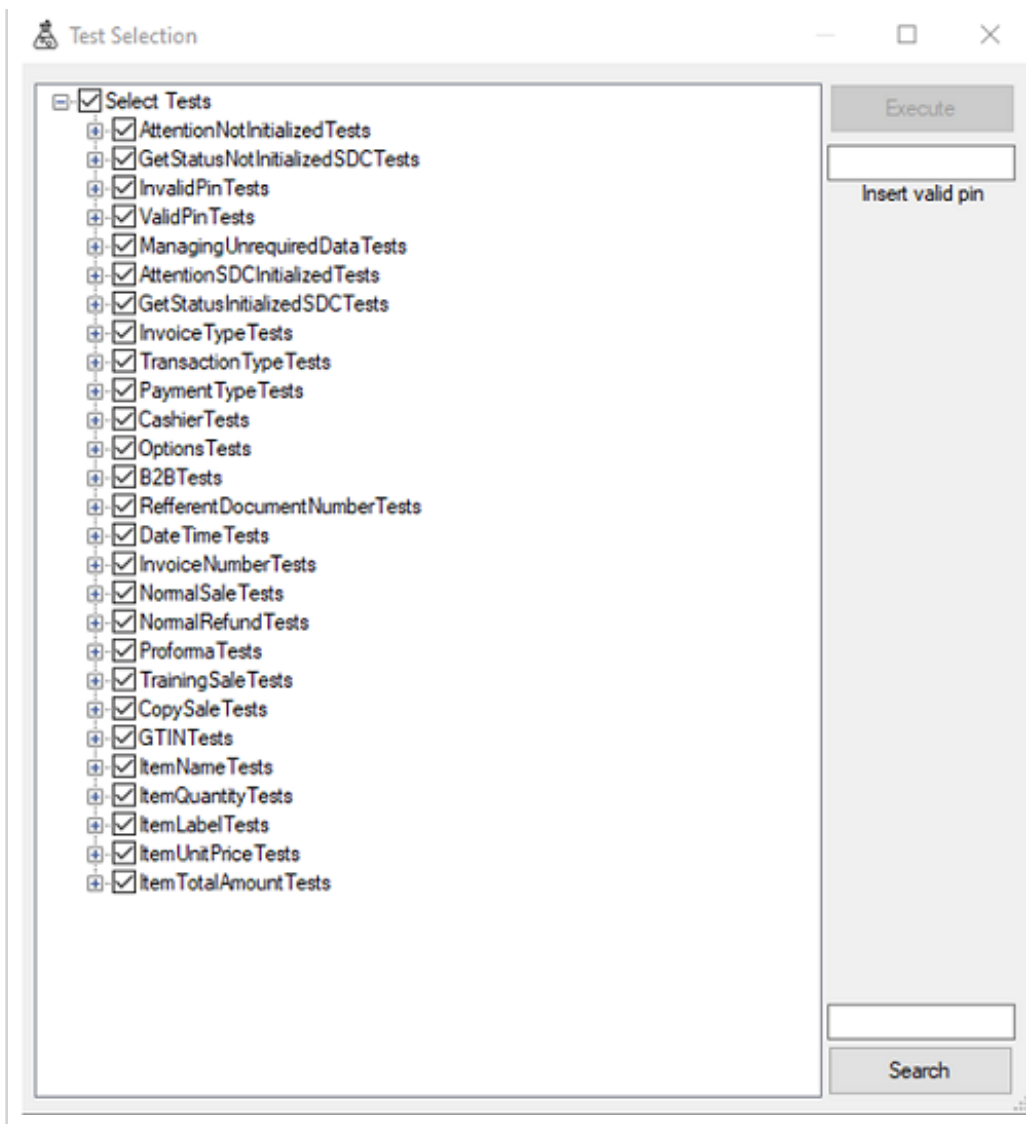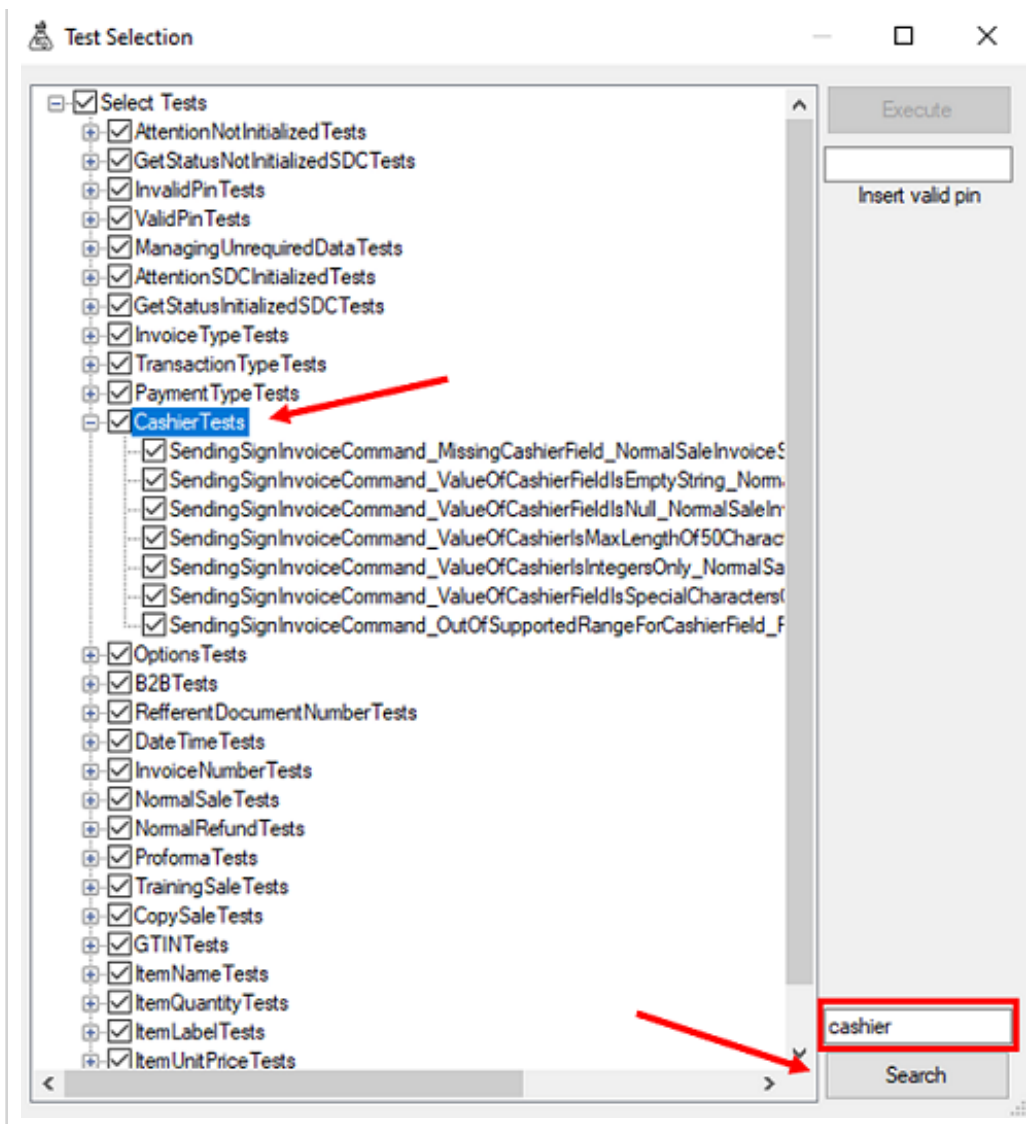
- To activate the **Execute** button, you need to provide a valid PIN (you set your PIN when you made the request for an additional smart card certificate).
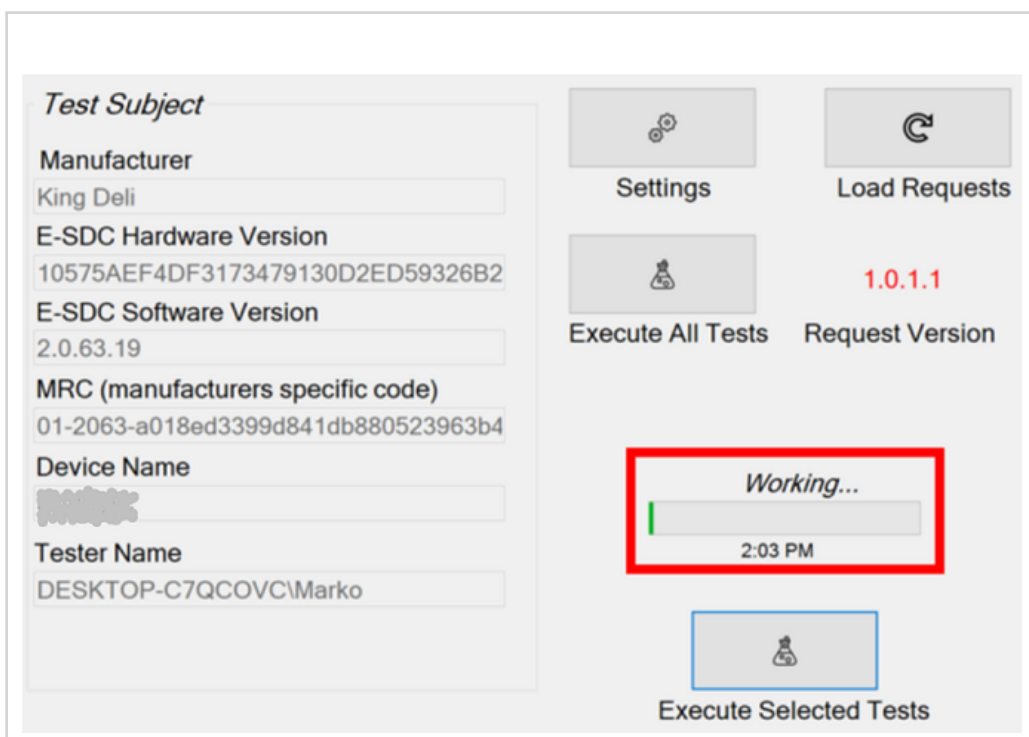
NOTE:
You can also provide an invalid PIN to test that scenario.
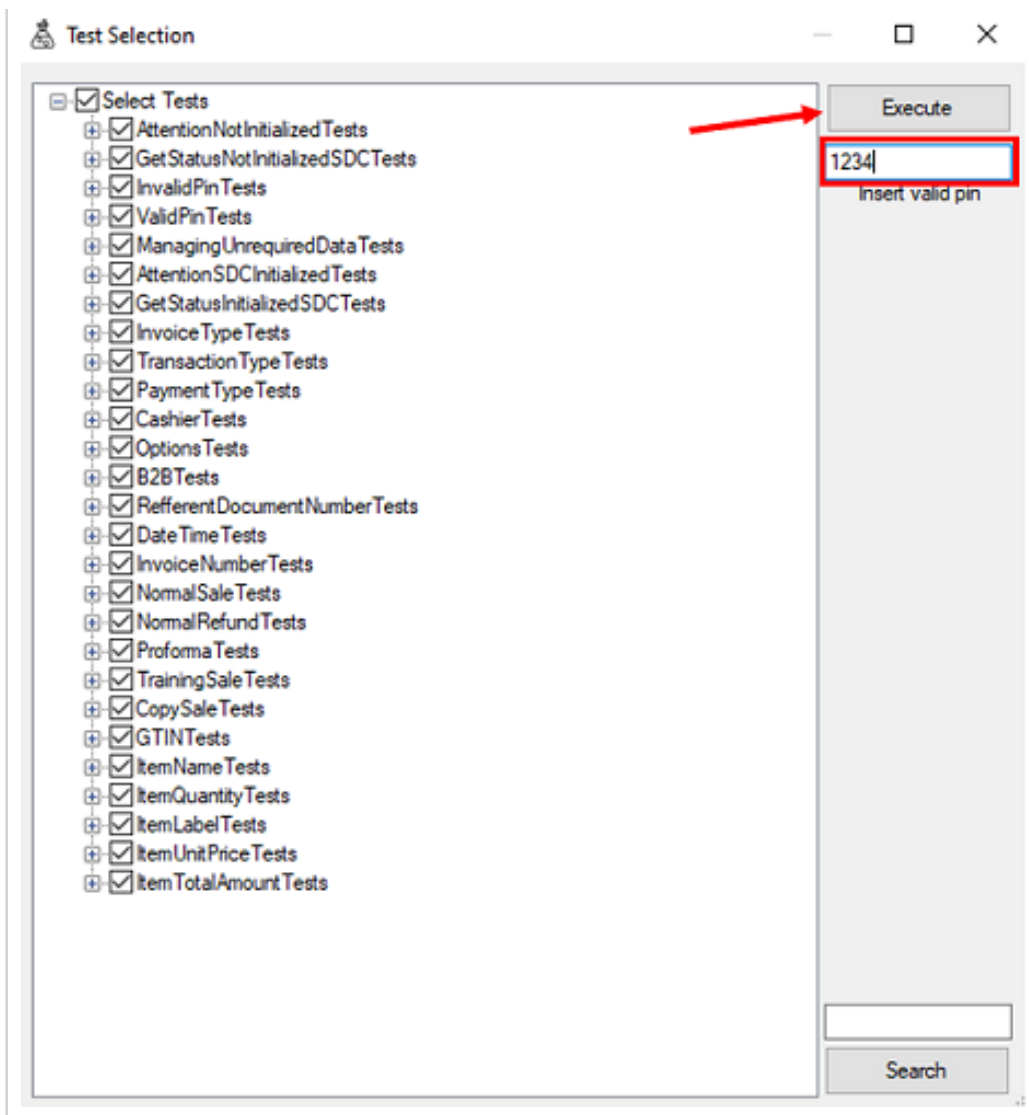
- If you need to find a specific test that you wish to *unselect* (exclude from the testing), you can use the search bar.

- When you click **Execute** and start the testing process, you can track its progress via the progress bar, which will appear on the main window.

- When the testing is finished, you will see a notification window asking you to log into your profile on the Developer Portal to review the results.

Review testing results

- When the testing process is over, you can review the results through your Developer Portal profile, in the section My Accreditations.

- Click on any test from the list for a more detailed display of results.